



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

73479-21

Date of Issuance:

4/21/2020

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Checkmate Puffer NOW-O ACE

Name and Address of Registrant (include ZIP Code):

Suterra LLC
20950 NE Talus Place
Bend, OR 97701

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

Signature of Approving Official:

Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs

Date:

4/21/2020

3. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 73479-21.”
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statements of Formula (CSFs):

- Basic CSF dated 11/08/2019
- Alternate CSF #1 dated 11/08/19

If you have any questions, please contact James Parker by phone at (703) 306-0469 or via email at parker.james@epa.gov.

Sincerely,



Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

CheckMate® Puffer® NOW-O Ace™

ACCEPTED

04/21/2020

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 73479-21

For the Control of the Navel Orangeworm in Almond, Fig, Walnut and Pistachio Orchards and Any Other Crops Where the Navel Orangeworm is a Pest

CheckMate Puffer NOW-O Ace contains a behavior modifying biochemical (pheromone) that disrupts the mating behavior of navel orangeworm, *Amyelois transitella*. Use in almond, fig, walnut, pistachio and other crops where the navel orangeworm is a pest.

CheckMate **Puffer NOW-O Ace** is used with the **CheckMate Puffer Aerosol Cabinet**, an automatic dispenser that delivers the pheromone to disrupt the mating behavior of navel orangeworm males.

ACTIVE INGREDIENT*:

11,13-Hexadecadienal, (Z,Z).2.00%
Other Ingredients98.00%
Total.100.00 %

*Contains 7.68 g a.i. per canister;

NET CONTENTS: 384 g

KEEP OUT OF REACH OF CHILDREN CAUTION

See [side] [back] [right][left] panel for First Aid and Precautionary Statements.

MANUFACTURED BY:

Suterra LLC
20950 NE Talus Place
Bend, Oregon, USA 97701
1-866-326-6737
Fax (541) 388-3705

EPA Registration No. 73479-XX
EPA Establishment No. 56336-OR-1

BATCH CODE: See bottom of can.

© 2019 Suterra LLC. All Rights Reserved.

ACE, CHECKMATE, PUFFER, AND SUTERRA are trademarks of Suterra LLC.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye and skin irritation. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID STATEMENTS

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

IF IN EYES: Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. For emergency information on product, uses, and treatment, etc., call the National Pesticides Information Center at 1-800-858-7378, 6:30 am-4:30 pm Pacific Time (PT). 7 days a week. Otherwise, call the Poison Control Center at 1-800-222-1222.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

Do not apply more than 150 grams of active ingredient per acre per year.

METHOD OF APPLICATION

For use on almond, fig, walnut, pistachio and other crops where the navel orangeworm is a pest. The application of **CheckMate Puffer NOW-O ACE** (herein referred to as "Puffer") must be initiated six months before the expected harvest date and must continue until harvest is over. Use a **CheckMate Puffer Aerosol Cabinet** to automatically dispense the contents of the Puffer canister. The Cabinet is programmed to emit from 5pm to 5am.

PRODUCT PLACEMENT

Suspend an activated **Puffer Aerosol Cabinet** containing a full Puffer canister from a robust limb at a height of at least half of the tree canopy height, or higher. The Puffers can also be placed on posts or poles at the correct canopy height. Place Puffers where spray is directed away from foliage, fruits or nuts. Distribute the Puffers throughout the orchard starting from the edges to achieve a rate of 1 Puffer per acre. In situations with a prevailing evening wind direction reinforce the upwind edge of the orchard. Always consult your Suterra Technical Sales Representative.

APPLICATION NOTES

This product is a mating disruption product that interferes with the ability of navel orangeworm males to find females with which to mate. It does not directly affect eggs, larvae or mated females. If the presence of mated females prior to application is suspected, the field should be treated adequately with insecticides that will effectively control larvae and eggs from those mated female moths. Immigration of female moths from adjacent external sources of infestation is not affected by the product and may reduce the level of control. The use of **CheckMate Puffer NOW-O ACE** should always take place in the context of an Integrated Pest Management strategy. The use of other pest control measures may be necessary and should be based on proper pest monitoring and field scouting.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store container in cool, dry area away from heat or open flame.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility.

CONTAINER HANDLING: Do not puncture or incinerate. Nonrefillable container. Do not reuse or refill this container. If can is empty: Remove from cabinet, place in trash or offer for recycling. If partly filled: Call your local solid waste agency for disposal instructions.



WARRANTY

To the extent consistent with applicable law, **Suterra® LLC** warrants that this material conforms to the chemical description on the label and is reasonably fit for the purpose stated in the Directions for Use. To the extent consistent with applicable law, **Suterra LLC** neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. To the extent consistent with applicable law, **Suterra LLC's** maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage, and use of this material contrary to label instructions.

List of Alternate Brand names:

Puffer NOW Ace Planet

Puffer NOW Ace Earth

Puffer NOW Ace Steward

Eco-Puffer NOW Ace

Puffer NOW Ace Green

Puffer NOW Ace Organic

Puffer NOW-O Ace

CheckMate Puffer NOW Ace Planet

CheckMate Puffer NOW Ace Earth

CheckMate Puffer NOW Ace Steward

CheckMate Eco-Puffer NOW Ace

CheckMate Puffer NOW Ace Green

CheckMate Puffer NOW Ace Organic

CheckMate Puffer NOW-O Ace